



Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7954 (1976): Suitcases [CHD 17: Leather, Tanning Materials and Allied Products]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



BLANK PAGE



PROTECTED BY COPYRIGHT

Indian Standard
SPECIFICATION FOR SUITCASES

UDC 685.572



© Copyright 1976

INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

Indian Standard

SPECIFICATION FOR SUITCASES

Travel Requisites Sectional Committee, CPDC 18

Chairman

DR D. K. GHOSH

Representing

Khadi & Village Industries Commission, Bombay

Members

SHRI B. MAJUMDAR (<i>Alternate to</i> Dr D. K. Ghosh)	
SHRI A. K. ABBOTT	Indian Airlines, New Delhi
SHRI MONI BANERJEE	College of Leather Technology, Calcutta
SHRI SUDIR NARAYAN BOSE (<i>Alternate</i>)	
SHRI A. T. BASAK	Directorate General of Supplies & Disposals, New Delhi
SHRI C. A. FERENS	The Premier Leather Crafts, Bombay
SHRI J. C. FERENS (<i>Alternate</i>)	
SHRI M. M. GARG	Tannery and Foot Wear Corporation of India Ltd, Kanpur
SHRI JANE ALAM	Export Promotion Council for Finished Leather & Leather Manufactures, Kanpur
JOINT DIRECTOR, TRAFFIC COMMERCIAL (RATES)	Railway Board (Ministry of Railways)
SHRI S. S. MAVI	Director of Industries, Government of Punjab
SHRI P. N. NATU	Central Government Employees' Consumer Co- operative Society Ltd, New Delhi
SHRI T. K. PARTHASARATHY	Central Leather Research Institute (CSIR), Madras
SHRI K. RADHAKRISHNAN (<i>Alternate</i>)	
SHRI S. R. SAHA	Ministry of Defence (DGI), New Delhi
SHRI M. HAQUE (<i>Alternate</i>)	
SHRI N. V. KAILAS SARMA	Sarma Brothers, Madras
SHRI S. SESHDADRI	The Durable Chrome Factory, Madras
SHRI D. H. SHAH	Jeewanlal (1929) Ltd, Calcutta
SHRI N. H. SHAH (<i>Alternate</i>)	
SHRI R. THANJAN	Directorate General of Technical Development (Ministry of Industry & Civil Supplies)
SHRI SOM PRAKASHA, Director (Consr Prods & Med Instrs)	Director General, ISI (<i>Ex-officio Member</i>)

Secretary

SHRI C. N. N. IYENGAR
Assistant Director (Consr Prods & Med Instrs), ISI

© Copyright 1976

INDIAN STANDARDS INSTITUTION

This publication is protected under the *Indian Copyright Act* (XIV of 1957) and reproduction in whole or in part by any means except with written permission of the publisher shall be deemed to be an infringement of copyright under the said Act.

Indian Standard

SPECIFICATION FOR SUITCASES

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 27 January 1976, after the draft finalized by the Travel Requisites Sectional Committee had been approved by the Consumer Products and Medical Instruments Division Council.

0.2 Suitcases differ in design, shape, colour and size from one manufacturer to another. Even with a particular size and shape, the quality of the material and workmanship may be different.

0.3 In the preparation of this standard, due weightage has been given to the proper type of materials to be used and prevalent trade practices being followed by the manufacturers in this field. Though the users are free to have the sizes and dimensions of their choice, a few sizes have been given for their guidance.

0.4 This standard contains clauses which call for agreement between the purchaser and the supplier and which permit the purchaser to use his option for selection to suit his requirements. The relevant clauses are 3.2, 4.2, 4.4, 4.5, 4.6, 4.7, 4.9, 5.1 and 7.1.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard covers the requirements for suitcases made of leather, leathercloth, plywood and fibre board.

2. MATERIALS

2.1 The various components of the suitcase shall be made from materials specified in Table 1. Materials, not specifically designated shall be suitable for the purpose intended.

*Rules for rounding off numerical values (*revised*).

TABLE 1 MATERIALS FOR COMPONENT OF SUITCASES

(Clause 2.1)

SL No.	COMPONENTS	MATERIAL	CONFORMING TO
(1)	(2)	(3)	(4)
i)	Body and lid	Vegetable, chrome or combination tanned sheep, cow or young buffalo leather or Leathercloth	— Grade 2 or 3 of IS:1259-1962*
		Plywood or Fibreboard	Any Grade of IS:303-1960† IS:1658-1966‡
ii)	Foundation material	Cardboard or Plywood	— Any grade of IS:303-1960†
iii)	Lining material	Cotton lining cloth or Rayon satin lining cloth or Leathercloth	IS:1535-1960§ IS:2136-1974|| Grade 4 or Grade 5 of IS:1259-1962*
iv)	Sewing thread	Cotton thread or Linen thread	Variety No. 5, 14 or 19 of IS:1720-1969¶ Variety No. 3 or 3R of IS:2196-1966**
v)	D-rings, feet slide fasteners hinges and stays	Mild steel Steel or brass Mild steel	— IS:3148-1967†† —
vi)	Lock	Steel or brass	—
vii)	Rivets	Steel or aluminium	IS:3974-1967‡‡

*Specification for vinyl coated fabrics (leathercloth) (revised).

†Specification for plywood for general purposes (revised).

‡Specification for fibre hardboards (revised).

§Specification for cotton lining cloth, dyed.

||Specification for rayon satin lining cloth (first revision).

¶Specification for cotton sewing threads (first revision).

**Specification for linen sewing thread for aeronautical purposes (revised).

††Specification for metallic slide fasteners (first revision).

‡‡Specification for bifurcated rivets for general purposes.

3. SHAPES AND DIMENSIONS

3.1 The shapes and dimensions of suitcases shall be according to Fig. 1 and Table 2.

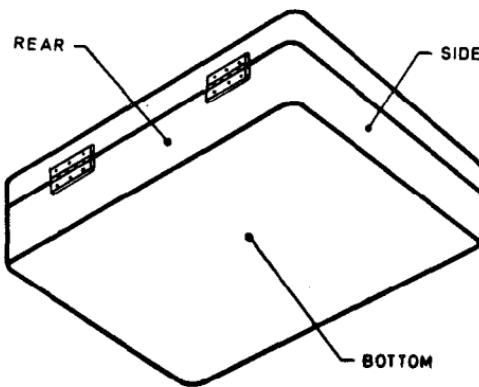
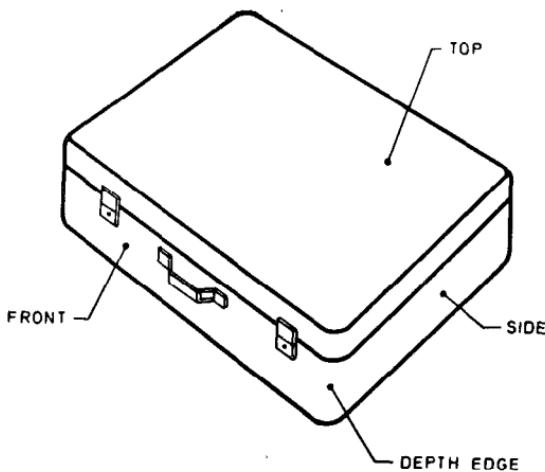


FIG. 1 DESIGNATION OF FACES, SUITCASES

3.2 The suitcases may have dimensions other than those given in this standard subject to agreement between the supplier and the purchaser.

4. MANUFACTURE, WORKMANSHIP AND FINISH

4.1 The suitcases shall be soundly constructed. The lid shall be closed snugly on the body. Slide fastener may also be used for closing the lid and body of suitcases made of leathercloth and thin leather.

TABLE 2 OUTER NOMINAL DIMENSIONS OF SUITCASES

(Clause 3.1)

All dimensions in millimetres.

SIZE No.	LENGTH	WIDTH	HEIGHT
1	660	420	190
2	730	440	205
3	760	455	215

4.2 Plywood or cardboard may be used to reinforce the body and lid of suitcases made of leathercloth and thin leather as agreed to between the supplier and the purchaser.

4.3 The stitching shall be single row with 28 to 32 stitches per decimeter and of even tension. At the end of each row of stitching there shall be at least three back stitches, except where reinforcing with a rivet or suitably cross stitched. The thread ends shall be trimmed or seared.

4.4 The handle shall be of the round vickle type (paper wound) covered with leather or leathercloth and lock stitched across the top. The handle shall be reinforced with a flat steel strip. The ends of the flat steel strip shall loop round two D-rings attached to the ends of the handle. The handle may also be of plastics moulded and attached to the D-rings as agreed to between the supplier and the purchaser. A minimum gap of 55 mm shall be provided between the handle and the body to give a comfortable grip.

4.5 The suitcases shall be equipped with two 3-position extension locks. The locks shall be secured to the front of the suitcase with steel prongs. The prongs shall pass through corresponding holes in a metal-backing plate. The backing plate shall be covered with buffing leather or leathercloth. The type and design of lock may be provided as agreed to between the purchaser and the supplier.

4.6 The suitcases may be flexible at top, bottom or sides as agreed to between the purchaser and the supplier. When the lid is fully open, the body shall not tilt.

4.7 The inside of the suitcases shall be lined with cotton rayon silk or leathercloth as agreed to between the purchaser and the supplier.

4.8 Suitable feet shall be provided at the bottom of the suitcases to avoid the full ground contact.

4.9 Tie tapes, pockets and slide fasteners to close the pockets may be provided as agreed to between the purchaser and the supplier.

4.10 The mild steel components shall be coated chromium over nickel conforming to Grade 3 of IS:1068-1968*.

4.11 The suitcases shall be finished smooth without any sharp edges or constructional defects. There shall not be any loose thread and uneven seams.

4.12 In respect of appearance, general workmanship and finish, the suitcases shall conform to the sample previously approved by the consumer.

5. SAMPLING

5.1 Unless otherwise agreed to between the purchaser and the supplier, the procedure given in IS:2500 (Part I)-1973† shall be followed for sampling. The scale of sampling shall be corresponding to inspection level III given in Table 1 of IS:2500 (Part I)-1973†.

5.2 The sampling plan shall be corresponding to AQL of 4·0 percent given in Table 2 "Single sampling AQL plans" of IS:2500 (Part I)-1973†.

6. MARKING

6.1 Each suitcase shall be clearly and permanently marked with the following:

- a) Manufacturer's name or registered trade-mark, and
- b) Size of the suitcase.

6.1.1 Suitcases may also be marked with the ISI Certification Mark.

NOTE—The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

7. PACKING

7.1 The suitcase shall be packed to ensure safe transportation. These may also be packed as agreed to between the manufacturer and the supplier.

*Specification for electroplated coatings of nickel and chromium on iron and steel (*first revision*).

†Sampling inspection tables: Part I Sampling inspection by attributes and by count of defects (*first revision*).

PUBLICATIONS OF INDIAN STANDARDS INSTITUTION

INDIAN STANDARDS

Over 8 500 Indian Standards covering various subjects have been issued so far. Of these, the standards belonging to the Consumer Products and Medical Instruments Group fall under the following categories:

Anaesthesia, resuscitation and allied equipment	Neuro-surgery instruments
Artificial limbs and rehabilitation equipment	Obstetric and gynaecological instruments and appliances
Coir	Oil burning appliances
Dental equipment and instruments	Orthopaedic instruments, accessories and implants
Domestic hardware	Safety matches
Ear, nose and throat instruments	Sports goods
Eye instruments	Surgical and medical instruments
Fasteners for consumer goods	Surgical dressings
Fountain pens and ball point pens	Thoracic and cardio-vascular instruments
Gas burning appliances	Travel requisites
Hospital equipment	Umbrellas
Hospital utensils	Utensils and cutlery
Medical glass instruments and appliances	Writing aids

OTHER PUBLICATIONS

ISI Bulletin (Published Every Month)

Single Copy	...	...	...	...	Rs 4.00
Annual Subscription	...	...	...	...	Rs 36.00
Standards: Monthly Additions					
Single Copy	...	...	...	...	Rs 0.30
Annual Subscription	...	...	...	...	Rs 3.00
Annual Reports (from 1948-49 Onwards)					
ISI Handbook, 1975	...	...	...	...	Rs 2.00 to 6.00
					Rs 30.00

INDIAN STANDARDS INSTITUTION

Manak Bhavan, 9 Bahadur Shah Zafar Marg, NEW DELHI 110002

Telephone : 27 01 31 (20 lines)

Telegrams : Manaksantha

Regional Offices:

Western : Novelty Chambers, Grant Road
 Eastern : 5 Chowinghee Approach
 Southern : C.I.T. Campus, Adyar

BOMBAY 400007	37 97 29
CALCUTTA 700072	23-08 02
MADRAS 600020	41 24 42

Branch Offices:

'Pushpak', Nurmohamed Shaikh Marg, Khanpur
 'F' Block, Unity Bldg, NarasimhaRaja Square
 Ahimsa Bldg, SCO 82-83, Sector 17C
 S-8-56/57 Nampally Station Road
 117/418 B Sarvodaya Nagar
 B.C.I. Bldg, (3rd Floor), Gandhi Maidan East
 Hantex Bldg, (2nd Floor), Rly Station Road

AHMADABAD 380001	2 03 91
BANGALORE 560002	2 76 49
CHANDIGARH 160017	2 83 20
HYDERABAD 500001	4 57 11
KANPUR 208005	82 72
PATNA 800004	5 36 55
TRIVANDRUM 695001	32 27